

Morel, A.
THE BUILDING AND OPERATION OF COAL, COKE
AND ORE WAGONS. Paper from the Conference on
Works Transport [held at] Düsseldorf [16-18 Oct 56].
[1957] [10]p.
Order from SLA \$1.10

61-16285

Trans. of Stahl u[nd] Eisen (West Germany) 1957,
v. 77 [no. 8] p. 483-486.

DESCRIPTORS: *Coal, *Coke, *Ores, Transportation,
*Steel industry, *Iron industry, Railroad cars, Cargo
vehicles.

(Machinery--Transport, TT, v. 7, no. 5)

61-16285

I. Morel, A.
II. Title: Conference ...

Office of Technical Services

Removing Dust From Brown Converter Waste Gases,
by Dehne.

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII, No 9,
1957, pp 553-562.

Antal ... Stahl und Eisen
~~Comp. Tr 543~~
(\$4.10.0)

57,652

Sci - Engr
Jan 58

Hot Tapping of Open-Hearth Furnaces, by J. Prior;
I. Method of Construction and Operation. II.
Experience Gained, by W. Burmeister. UNCL

GERMAN, per, Stahl u Eisen, 2 May 1957, pp 562-
567.

OTS 62-10466
British Iron and
Steel Ind 1234
(12 10s.0d.)

96,020

Sci - Engr
Sep 59

Design and Performance of Hydraulic Descaling
Plants, by Berns.

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII,
1957, pp 567-576.

Co-op Tr Sch Tr 542
(5.0.0)

Sci - Engr; Min/met
Jan 58

57, 657

Apparatus for Measuring the Depth of Cracks, by
Brand.

GERMAN, semino per, Stahl und Eisen, Vol LXXVII,
2 May 1957, pp 576-581.

Co-op Tr Sch Tr 621
(\$2.15.0)

Sci - Engr
Jan 58

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Descaling in Hot Rolling, by Leder.

GERMAN, semimo per, Stahl und Eisen, 2 May 1957,
pp 591-593.

Co-op Tr Sch Tr 601

Sci - Engr
Jan 58

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The Hot-Blast Cupola Furnace in Open-Hearth Practice,
by Oberhofer.

GERMAN, per, Stahl und Eisen, Vol LXXVII, No 10,
16 May 1957, pp 643-651.

Sci - Engr
Feb 58

~~Co op Tr Sch Tr 727~~
British Iron and Steel Ind 727
58, 251

Production of Finest Ore Agglomerates and Their
Behaviour in the Blast Furnace, by ^{Von}Bogdandy,
Schmolke.

GERMAN, per, Stahl und Eisen, Vol LXXVII,
30 May 1957, pp 685-692.

British Steel Corp.
~~Sci - Engr~~ Tr 648

Sci - Engr
Jan 58

57,749

524 635-693

Sinter Cooling: An Essential Element of Modern
Plant, by Brandes, Wendeborn.

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII,
30 May 1957, pp 693-700.

Co-op Tr Sch Tr 649

Sci - Engr
Jan 58

57,751

Deoxidation and Technological Characteristics of
Killed Basic Converter Steels. Part I - Deoxidation
Process and Aspect and Composition of Deoxidation
Products, by Plockinger, Rosegger.

GERMAN, semi-mo per, Stahl und Eisen, Vol LXXVII,
30 May 1957, pp 701-714.

Co-op Tr Sch Tr 667

Sci - Min/met
Jan 58

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Behaviour of the Surface of Rolls in Rolling, by
Hesse.

GERMAN, semi-mo per, Stahl und Eisen, Vol LXXVII,
30 May 1957, pp 715-724.

Co-Op Tr Sch Tr 583
(£6.0.0)

Sci - Min/met
Jan 58

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Ultrasonic Testing of Sheets, by Kopineck, Hoff..

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII,
30 May 1957, pp 727-734.

CSIRO
Co-op Tr Sch Tr 666
6

Sci - Engr
Jan 58

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Effect of Nitrogen Leakage by Aluminium on
Properties of High-Strength Structural Steels,
by Wiester et al.

GERMAN, semino per, Stahl und Eisen, Vol
LXXVII, 12 Jun 1957, pp 773-784.

Co-op Tr Sch Tr #2 643

Sci ~ Min/met
Jan 58

57,745

Effect of Segregation, Cold-Working, and Aging
on Notched-Bar Impact Strength of Structural
Steels, by H. Schenck, E. Schmidtman. (GOL)

GERMAN, per, Stahl u Eisen, 13 Jun 1957,
pp 784-791.

British Iron and Steel Ind
(no number given)

Sol - Min/Met
Sep 59

98,381

Considerations Regarding the Question of the
Adequate Use of the Notch Toughness Value in the
Assessment of the Tendency to Brittle Fracture,
and on the Weldability of Conventional Structural
Steels, by H. Kornfeld. UNCL

GERMAN, per, Stahl u Eisen, Vol LXXVII, 13 Jun
1957, pp 792-798.

British Iron and Steel Ind
(no number given)

Sci - Min/Mat
Sep 59

98, 239

Decarburization of Killed Basic Converter Steels,
Part II. Inclusions, Degree of Purity and
Mechanical and Technological Properties, by H.
Ploekinger, H. Rosegger. UNCL

GERMAN, per, Stahl u Eisen, 13 Jun 1957,
pp 798-804.

British Iron and
Steel Ind 667
(9.0.0)

Sci - Min/Mat
May 59

85,780

Hansen, Michael.

DETONATION AND SHOCK-WAVE. Rept. no. 301 of the Blast Furnace Committee and Rept. no. 448 of the Department of Heat Technology of the Verein Deutscher Eisenhüttenleute. [July 57] [32]p. 19 refs. Order from SLA \$3.00

61-16332

Trans. of Stahl u[nd] Eisen (West Germany) 1957, v. 77, 13 June, p. 805-813.

DESCRIPTORS: Blast furnaces, Gases, Combustion, Explosions, *Detonation, Detonation waves, *Shock waves, Blast, *Explosion damage, Industrial plants, Safety.

Comp. Sci. Ser. In 626

(Physics--Thermodynamics, TT, v. 6, no. 3)

61-16332

I. Hansen, M.

II. Title: Verein...

17527

Office of Technical Services

KRAUTMACHER, H. and PUNGEL, W. Life of container
for molten lead.

Stahl Eisen 77(13):837-45 (1957) (CRL/D. 842)

Formation and Etchability of Scale on Hot
Strip, by W. Dahl and W. Lueg,
GERMAN, per. Stahl Eisen, Vol 77, June 27,
1957, pp 845-853.
BISI 9106

June 71

The Manufacture of Cold Drawn Steels in the United States of America, by O. Andrieu, 22 pp.

GERMAN, per, Stahl u Eisen, 27 Jun 1957, pp 853-859.

SLA 57-3049

Sci

Aug 58

71,432

Temperature Measurements During Wire Drawing. Part
II., by Werner Lueg, Karl-Heinz Treptow, 28 pp.

GERMAN, per, Stahl und Eisen, Vol LXXVII, No 13,
1957, pp 859-867.

SLA 59-15077

Sci

Dec 59

Vol 2, No 4

102,695

Investigations on a 4-High Reversing Mill Stand
Rolling Cold Strip for Tinsplate, Parts I and II,
by Spiller, Funke.

GERMAN, semimo per, Stahl und Eisen, 27 Jun 1957,
pp 867-881.

Co-op Tr Sch Tr 660

Sci - Engr
Jan 58

57,753

Dephosphorization of Basic Converter Steel to
Very Low Contents of Phosphorus, by Kosmider,
Schenck.

GERMAN, semino per, Stahl und Eisen, Vol LXXVII,
Jul. 11 1957, pp 917-926.

Co-op Tr Sch Tr 637
(55.0.0)

Sci - Min/met
Jan 58

57, 710

The Use of Oxygen in Refining Pig Iron, by
Bading.

GERMAN, por, Stahl u Eisen, 11 Jul 1957, pp 926-
931.

dsIRO
Co-op Tr Serv Tr 620
(2.15.0)

EE - GERMANY
Sci - Min/met
Nov 57

55, 868

Heat and Power Supply System of an Integrated Iron
and Steelworks Under Influence of the Technical De-
velopment, by Weineck.

GERMAN, semino per, Stahl und Eisen, 25 Jul 1957,
pp 988-998.

Co-op Tr Sch Tr 661

Sci - Engr
Jan 58

57,755

Power and Heat . . . Economy of an Integrated Iron and Steelworks, by Stolzenberg.

GERMAN, nemino per, Stahl und Eisen, 25 Jul 1957, pp 998-1006.

Co-op Tr Sch Tr 662

57,756

KE - Germany
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Jan 58

The Tendency of Steels to Brittle Fracture,
by Kochendorfer.

GERMAN, sezimo per, Stahl und Eisen, Vol LXXVII,
25 Jul 1957, pp 1006-1018.

Co-op Tr Sch Tr 646

Sci - Min/met
Jan 58

57,748

Organization of the Supply of Materials and of
Production as a Means for Planning and
Management, Part I. Economy of Materials,
Planning of Work, Recording and Signalling
Systems, by W. Schütte. UNCL

GERMAN, per, Stahl u Eisen, 8 Aug 1957,
pp 1045-1064.

British Iron and Steel Ind 1170
(15)

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Jun 59

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Dust Removal in a Strand Sintering Plant, by Weilandt,
et al.

GERMAN, semino per, Stahl und Eisen, Vol LXXVII, 8 Aug
1957, pp 1064-1069. *Stahl und Eisen*

54-1069.
British Iron and Steel Co. Ltd.
66 Sp. Tr. Sch. Tr. 665

Sci - Engr
Jan 58

57,759

Dust Removal in a Pallet Sintering Plant, by Hase.

GERMAN, per, Stahl und Eisen, Vol LXXVII, 8 Aug
1957, pp 1070-1074.

Co-op Tr Sch Tr 737

Sci - Engr
Apr 58

60,789

The Fatigue Life of Crankshafts and Its Evaluation
by Inspection, by Wupperman.

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII,
22 Aug 1957, p 1117.

Co-op Tr Sch Tr 583

Sci - Engr
Jan 58

57,638

Now Methode of Hot Cooling, by Voennemann.

GERMAN, per, Stahl u Eisen, Vol LXXVII, 22 Aug
1937, pp 1126-1134.

Co-op Tr Serv Tr 664
(4.10.0)

Sci - Engr
Nov 57

55,858
SLH 61-16385

Organization of the Supply of Materials and of the
Production as a Means for Planning and Management, *Part II*
by Schutte. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 22 Aug 1957, pp 1146-
1160.

British Iron and Steel
~~Co-op Tr Scheme~~
Tr 799
(L9.0.0)

EEur - Germany
Econ
Apr 58

62, 678

Layout of High-Capacity Rolling Mills for Light-Steel
Sections and Wire Rod, by Lamm.

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII, 5 Sep
1957, pp 1181-1195.

Co-op Tr Sch Tr 672

Sci - Engr
Jan 58

57,663

Determination of the Variables Affecting the Yield of
Rimming-Type Free-Cutting Steel, by Latour, Heinen.

GERMAN, semino per, Stahl und Eisen, Vol X LXXVII,
5 Sep 1957, pp 1204-1209.

CSIR
Co-op Tr Sch Tr 696

Sci - Min/met
Jan 58

57,648

Investigation of Free-Cutting Steel for
Non-metallic Inclusions, by H. Hoff,
G. V. Dunk, H. Lessing.

GERMAN, per, Stahl und Eisen, Vol LXXVII,
No 18, 1957, pp 1210-1215.

Broken Hill Prop Co Ltd
(CRL/T 131)

Sci - Min/Met
Dec 61

175, 731

Effect of the Manganese and Lead Content of Non-Metallic Inclusions in Free-Cutting Steel, by Becker, Hoff.

GERMAN, semino per, Stahl und Eisen, Vol LXXVII, 5 Sep 1957, pp 1215-1220.

Co-op Tr Sch Tr 695

Sci - Min/met
Jan 58

57,646

Importance of the Utilisation of Waste Heat
and Heat Derived From Cooling for the Heat,
Power, and Water Supply Economy of Metallurgi-
cal Plants, by F. Wesemann.

GERMAN, per, Stahl und Eisen, Vol LXXVI,
1957, pp 1221-1223.

CSIRO

Sed - Engr
Jun 62

199,607

Tool Wear in Machining, as Reflected in the
Wear-Cutting Speed Curve, by G. Vieregge.
UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Vol LXXVII, 5 Sep, 1957
pp 1233-1244.

Iron and Steel Inst Tr 709
(L7.0.0)

Sci - Engr
Aug 58

71,739

Anticipation of Dephosphorization Before Decarburization During Refining of Pig Iron by Pure Oxygen, by H. Kosmider, H. Neuhaus, H. Schenck.

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII, 19 Sep 1957, pp 1277-1283.

Co-op Tr Sch Tr 709

Sci - Min/met
Jan 58

57, 768

Experiences and New Findings in Refining of Basic
Bessemer Pig Iron by Blowing With Pure Oxygen, by
F. A. Springorum, et al.

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII,
19 Sep 1957, pp 1284-1296.

Co-op Tr Sch Tr 710

Sci - Engr
Jan 58

57,770

Lines of Development in Refining Phosphorus-Rich
Pig Iron by ~~the~~ Use of Oxygen, by H. Rellermeyer.

GERMAN, semino per, ~~Stahl und Eisen~~, Vol LXXVII,
19 Sep 1957, pp 1296-1303.

Co-op Tr Sch Tr 711

Sci - Min/met
Jan 58

57,769

Hammer, R. and Kootz, Th.

THE MECHANISM OF TOP BLOWING. [1958] 12p.
13 refs.

Order from SLA \$1.60

61-16376

Trans. of Stahl und Eisen (West Germany) 1957, v. 77,
no. 19, p. 1303-1308.

DESCRIPTORS: *Steel, Production, *Iron, Processing,
Smelting, Oxygen, Gas flow, *Jets.

Comp. to S. 732

(Metallurgy--Ferrous Metals, TT, v. 6, no. 3)

61-16376

I. Hammer, R.
II. Kootz, T.

173276

Office of Technical Services

Strafe, Gunter.
ROLLER BEARING TECHNIQUE IN ROLLING MILLS.
[1961] [33]p. 8 refs.
Order from SLA \$3.60

61-16373

Trans. of Stahl und Eisen (West Germany) 1957, v. 77,
no. 19, p. 1315-1329.

DESCRIPTORS: Rolling mills, *Roller bearings,
Friction, Mechanical properties, Lubrication,
Maintenance.

(Machinery--Machine Parts, TT, v. 6, no. 4)

61-16373

I. Strafe, G.

177653

Office of Technical Services

Research Station for the Development of Heavy Metals
Pollution Control Technology, 1992

URGENT, per: Stahl u Bloch, Mo 20, 3 Oct 1957,
NY 1519-1355.

British Iron and Steel Ind
(no number given)

Bei - Min/Max
Sep 59

98,28.7

The Calculation of the Effect of the Rolling
Speed on the Rolling Effort and the Strip
Thickness in Cold Rolling, by W. Lueg, P. Funke.
UNCLASSIFIED

GEIGER, p. 1, Stahl u. Eisen, Vol LXV, No 20, Oct-
1957, pp 1356-1362.

British Iron and
Steel Ind 1049

(1.4 15.0)

76,030

Sci - Min/Met
Nov 58

Lubricants and Lubricant Carriers for the Cold
Drawing of Steel Wire, by W. Dahl, W. Lueg.

GERMAN, per, Stahl und Eisen, Vol LXXVII, No
20, 1957, pp 1368-1374.

Brutcher Tr 4117
\$9.70

Sci - Fuels

Aug 58

68,208

The Movement of Ore to the Blast-Furnace, by
Bohner.

GERMAN, semino per, Stahl und Eisen, 1957,

pp 127-126.

Entschieden und Strick

66-op Tr Sch-Tr 580

(£3.15.0)

Sci - Engr
Jan 58

57,688

Suitability and Selection of Blast-Furnace Slag for
Manufacture of Road Ballast, by Hüttemann.

GERMAN, per, Stahl und Eisen, Vol LXXVII, 17 Oct
1957, pp 1436-1442.

Adolf Hüttemann
~~Sec of Tr Sch Tr 782~~

(73/141)

Sci - Engr

Feb 58

Chief Technician 58, 250

C. S. I. R. D

314 Albert St

C. Melhorn

C. 2, Vnc

Fundamental Considerations About the Production of
High-Quality Killed Steel, by Schenck.

GERMAN, per, Stahl und Eisen, Vol LXXVII, No 21,
1957, pp 1442-1450.

Re Bratcher Tr 4079

Sci - Min/met
Apr 58

60, 787

Investigations on Converter Smoke With a View to
Spectroscopic Control of the Basic Bessemer
Process, by Wever et al.

GERMAN, per, Stahl und Eisen, Vol LXXVII, No 21,
17 Oct 1957, pp 1451-1459.

Co-op Tr Sch Tr 772

Sci - Engr
Feb 58

58, 2.52

The New Light Section and Wire Rod Mill ~~and~~
of the Klockner-Huttenwerk Haspe & in Hagen-Haspe,
by Weyel, Weide. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Oct 1957, pp 1464-1476.

Iron and Steel Inst Tr 749
(L6.10.0)

Sci - Engr, machinery
Aug 58

71,716

Automatic Testing of Billets by the Electromagnetic
and Supersonic Methods, by Husarek.

GERMAN, per, Stahl und Eisen, Vol LXXVII, No 21,
1957, pp 1483-1487.

Brutcher Tr *BT-4110*
60, 791

Sci - Engg
Apr 58

A Forecast Method of Coating Applied to an
Open-Hearth Steelworks, by Hoffstedt.

UNCLASSIFIED

GERMANY, per, Stahl u Eisen, No 10, 1957,
pp 1400-1406.

British Iron and
Steel Ind 827
(L7.10.0)

Kkur - Germany
Koon
Nov 58

76, 830

Summary of the Present State of the Spectro-
metrical Analysis of Steel, by ~~a~~ Hartleif.

GERMAN, per, Stahl und Eisen, Vol LXXVII, 17 Oct
1957, pp 1497-1499.

Co-op Tr Sch Tr 784

Sci - Min/met
Feb 58

58,266

Results of Testing the Operation of Blooming
Mills. Part I -- Methods Used in Measuring the
Characteristic Data in Rolling Blooms, by Mueller,
Marx. UNCLASSIFIED

GERMAN, per, Stahl und Eisen, 31 Oct 1957,
pp 1577-1582.

SL 4 61-16392

~~Co-op Tr 86h~~
~~Tr 761~~

British En, and
Steel Ind 767

Sci - Min/Metals
Jul 58

67674

Results of Testing the Operation of Blooming
Mills, by Mueller, Lueg. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Vol LXXVII, 31 Oct
1957, pp 1583-1593.

British Iron and Steel Ind Tr 768
(16.10.0)

Engr, machinery
Sci - Min/Metals
Aug 58

71, 753
SLA 61-16391

Results of Testing the Mode of Operation of
Blooming Mills, by W. Nuernberg, UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 31 Oct 1957,
pp 1593-1607.

British Iron and
Steel Ind 769
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Sci - Engr; Min/Met
Nov 58

75,879

Control and Regulation of the Twin Drive of a
Heavy Plate Mill, by Martin. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, No 10, 1957,
pp 1607-1610.

British Iron and
Steel Ind 770
(12.15.0)

Sci - Min/Met
Nov 58

76,271

On Loan only:

Classification of Heat Treatments by a Numerical
Code System, by W. Connert. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, No ³⁵19, 1957, pp 1625-1626.

British Iron and
Steel Ind TMS 341

Sci - Min/Met
13 Nov 58

Temperature Losses of Steel After Tapping,
by H. Heuhaus, H. J. Kirschning, W. Muenster-
mann, 12 pp.

GERMAN, per, Stahl und Eisen, Vol LXXVII,
1957, p 1660.

SLA 59-10489 .

Sci Min/Met

Jun 59

OTB I, 10

89,722

The Testing of Materials and Work-Pieces for Ac-
ceptance, by Schinn. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 14 Nov 1957, p 1674.
(Abstracted in E.I.B.I., 1958 May, p 93).

J. Iron and Steel Inst
Co-op Tr-Sch *SV*
Tr 960

Sci - Engr
Aug 58

62,847

Testing of Material and Work-Pieces for Acceptance,
by Schinn. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Vol LXXVII, Nov 1957.
pp 1675-1686.

Iron and Steel Inst Tr 960
(15.10.0)

Sci 61-18442

Sci - Min/Met
Aug 58

71,734

Effect of Residual Stresses in Hardened Tool Steels
on Development of Grinding Cracks, by Buhler, Schapp.
UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Vol LXXVII, 14 Nov 1957,
pp 1686-1690.

Henry Brütcher Tr

Sci - Min/Met
Apr 58

62,585

Accidents in the German Iron and Steel Industry
1956 - Works Accidents Statistics, by H. Antoni

GERMAN, per, Stahl und Eisen, 14 Nov 1957,
pp 1692-1698.

BISI 892

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Econ

136,590

The Metallurgy of Ferro-Manganese, by Haynert et
al. UNCLASSIFIED

GERMAN, for, Stahl u Eisen, 28 Nov 1957,
pp 1717-1728.

Iron and Steel Inst Tr 801
(16.0.0)

Sci - Min/Met
Aug 58

71,729

Transport of Iron Ores, by Bernard-Michel.

GERMAN, semimo per, Stahl und Eisen, 1957, 1/128-130.

Co-op Tr Sch Tr 581
(f2.0.0)

EE - Germany

Econ

Jan 58

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314 Albert St
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C. 27 Lic

57, 689

SLA 61-16226

Internal Stresses in Hot-Rolling Rolls Induced by
Service-Stress, by H. Buhler.

GERMAN, per, Stahl und Eisen, Vol LXXVII,
28 Nov 1957, pp 1740-1747.

BIBI 1595

CRL T. 760

Sci - Engr

Mar 62

186,923

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Knüppel, H., Wiethoff, G., and Dörr, W.
FIRST EXPERIENCES WITH ELECTRONIC WEIGHING
MACHINES IN A STEELWORKS. Jan 60.
Order from MT

Trans. of Stahl und Eisen (West Germany) 1957, v. 77,
no. 24, p. 1752-1759.

DESCRIPTORS: Steel industry, *Weighing, *Electronic
equipment, *Balances, Tests, *Machines.

(Metallurgy--Ferrous Metals, TT, v. 6, no. 5)

61-22821

1. Title: Weighing machines
- I. Knüppel, H.
- II. Wiethoff, G.
- III. Dörr, W.
- IV. Tollemache, M. de O.
(Ot. Brit.)

180653

Office of Technical Services

Drawing and Push-Pointing of Cold-Rolled Steel Bars,
by Dahl, Lueg. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 12 Dec 1957, pp 1795-
1802.

Co-op Tr Scheme
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Sci - Min/Metals
May 58

SLH 61-18392

63,244

Study of Oils and Emulsions for Lubrication, in Cold-Rolling Trials, Part I, by W. Lueg, P. Funke, W. Dahl.

GERMAN, per, Stahl Und Eisen, Vol LXXVII, No 25, 1957, pp 1817-30.

Brutcher Tr 4100
\$18.75

Sq1 - Fuels

Apr 58

61,447

Neuhaus, H.
THE BEHAVIOUR OF HYDROGEN IN THE BLOWING
OF STEEL IN THE OXYGEN-STEAM CONVERTER
PROCESS. Rept. no. 634 of the Steelworks Committee
of the V[erein] D[eutscher] I[sen]h[üttenleute]. [1958]
[10]p. 39 refs.
Order from SLA \$1.10

61-16350

Trans. of Stahl und Eisen (West Germany) 1957, v. 77,
no. 26, p. 1863-1867.

DESCRIPTORS: *Iron, Processing, *Steel, Production,
Hydrogen, Metallurgy, Determination, Oxygen,
Steam, Hydrogen embrittlement.

(Metallurgy--Ferrous Metals, TT, v. 6, no. 3)

61-16350

I. Neuhaus, H.
II. Title: Verein ...

175250

Office of Technical Services

Effect of the Hydrogen Content on the Mechanical
Properties of Converter Steels Blown With Oxygen
and Steam, by Kruger, Schmidtman. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 26 Dec 1957, pp 1868-
1873.

Co-op Tr Scheme
TR 812
(14.10.0)

Sci - Chem
Apr 58

62,681

Continuous Pusher-Type Heating Furnace With Fully
Automatic Control, by Heimerl.

GERMAN, per, Stahl und Eisen, Vol LXXVII, 26 Dec
1957, pp 1873-1877.

Co-op Tr Sch Tr 811

Sci - Engr
Apr 58

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Refining With Oxygen in the Rotary Furnace
According to the Kaldo Process, by Kalling,
Johansson. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 26 Dec 1957,
pp 1885-1887.

Co-op Tr Scheme
Tr 820
(L3.O.R)

Sci - Min/Met
Apr 58

62,687

Rolling and Roll Straightening Machines for
Round Bars, Tubes, and Shapes, by Hermann Wedl,
8 pp.

GERMAN, per, Stahl und Eisen, Vol LXXVII, No 26,
1957, pp 1895, 1896.

SLA 59-10270

Sci - Engr
Sep 59;
Vol 2, No 1

97, 915

Contribution to the Use of Mathematical Statistics
in the Steel Industry, by Kurt Orth, 39 pp.

GERMAN, per, Stahl und Eisen, Vol LXXXVIII, 1958,
pp 14-21.

AEC Tr 3225

Sci - Mathematics
Jun 58

65,945

Smelting Trials With Swedish Ore Pellets, by Reckmann,
Misch. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Jan 1958, p 21.

Co-op Tr Scheme
Tr 865
(L.A.O.O)

Sci - Min/Met
Eur - Germany
Econ
Apr 58

62,684

Reckmann, A. and Misch, W.
EXPERIMENTS ON SMELTING OF SWEDISH ORE
PELLETS. [18 Mar 58] [20]p. 6 refs.
Order from SLA \$1.60

61-16343

Trans. of Stahl und Eisen (West Germany) 1958, v. 78,
no. 1, p. 21-27.

DESCRIPTORS: *Ores, *Smelting, Iron, Production,
Pellets.

(Metallurgy, TT, v. 6, no. 3)

61-16343

I. Reckmann, A.
II. Misch, W.

175275

Office of Technical Services

Desulphurisation in the Basic Open-Hearth Process,
BY Speith et al. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Vol LXXVIII, 9 Jan 1958,
pp 27-34.

Co-op Tr Scheme
Tr 823
(L5.10.0)

Sci - Min/Met
Apr 58

62,617

Comparison of the Advantages and Disadvantages
of Turning and Grinding the Grooves in the Rolls
of Wire Rod Mills, by Palm, Warrol. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 9 Jan 1958, pp 35-
37, 37-39.

Iron and Steel Inst

Co-op Tr Sch S ✓

Tr 946

OTS 61-18880

Sci - Min/Met
Aug 58

68,843

Effect of Austenitising Conditions on the
Structure and the Behavior During Transformation of
Plain Carbon Steels, by Heinz Borchers, Gunter
Saur, 25 p.

GERMAN, per, Stahl und Eisen, 1958, Vol LXXVIII,
No 1, pp 40-46.

SLA 59-15820

S
Sci
Jan 60
Vol 2, No 5

104,606

Study of Hydrogen in Iron, by H. Taxhet.
GERMAN, per, Stahl und Eisen, No 78, 1958, pp 50-
52.
*NBS TT 70-57524

Sci-Mat
Aug 70

The New-Open-Hearth Steel Plant No III of the
Hoesch-Westfalenhuetten A.G., Dortmund, by
H. von der Warth, et al. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, No 1, 1958,
pp 79-87.

British Iron and Steel
Ind 1042 (15.15.0)

WEur - Germany
Econ
Nov 58

OTS 61-18727

757875

Weber, Karl-Heinz.
USE OF OIL IN FORGES. Rept. no. 15 of the Forging Committee of the Verein Deutscher Eisenhüttenleute. [1961] [15] p. 1 ref.
Order from SLA \$1.60

61-18656

Trans. of Stahl und Eisen (West Germany) 1957
[v. 78] no. 2, p. 87-92.

DESCRIPTORS: *Forging. *Oil burning furnaces,
Economics, Germany.

(Metallurgy, TT, v. 6, no. 8)

61-18656

I. Weber, K.-H.
II. Title: Verein...

OTS-914

186155

Office of Technical Services

Supervision and Location of Faults in Electrical
Control Installations in Steel Works, by Stahl.
UNCLASSIFIED

GERMAN, ^{per} ~~Stahl~~, Stahl u Eisen, Jan 1958, pp 94-100.

Handwritten signature
Co-op Tr Scheme
Tr 881

Sci - Eng
Apr 58

62,600

Rüdcker, W. and Wild, M.
THE REMOVAL OF SCALE FROM STEEL PLATES:
REPORT ON COMMUNITY WORK INVESTIGATIONS.
Rept. no. 1114 of the Materials Committee of the
V[erein] D[eutscher] E[isen]h[andels]v[er]ein.
Order from SLA \$1.10 61-16335

Trans. of Stahl und Eisen (West Germany) 1958, v. 78,
no. 2, p. 100-103.

DESCRIPTORS: *Steel, *Metal plates, *Scale,
Countermeasures, Pickling, Sandblasting, Cleaning.

(Metallurgy--Corrosion, TT, v. 6, no. 3)

61-16335

I. Rüdcker, W.
II. Wild, M.
III. Title: Verein ...

175270

Office of Technical Services

Production and Properties of Sintered Stainless
Steel, by Eisenkolb. UNCLASSIFIED

BERMAN, per, Stahl u Eisen, 6 Feb 1958, pp 141-148.

Co-op Tr Scheme
Tr 913

Sci - Min/Metals
May 58

63,240

Effect of Boron on Liquid-Phase Formation in
Sintered Steel, by Benesovsky, Hotop. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, ⁶/Feb 1958, pp 149-152.

Co-op Tr Scheme
Tr 912

Sci - Min/Metals
May 58

63,247

Desulphurisation in the Basic Steel Converter,
by Speith et al. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Vol LXXVIII, 6 Feb
1958, pp 152-156.

~~Co-op Tr Schenck~~
~~Tr 876~~

Sci - Min/Met
Apr 58

*British Iron and
Steel 876*

62,604

Use of Oxygen in an Open-Hearth Steelworks, by
Gerling, Zimmer. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 6 Feb 1958,
pp 156-160. _____

Co-op Tr Scheme
Tr 861
(L3.O.O)

Sci - Min/Met
Apr 58

62,690

The Full Continuous Strip Mill of Messrs.
Wuppermann, by Lampmann. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 6 Feb 1958, pp 160-167.

done + all in 1-2-58
Co-op Tr. Scheme - Y
Tr 899

Kfur - Germany
Econ
Sci - Min/Net
Jun 58

SLA 61-16393

64,689

The Training of the Personnel in Wire Rod Mills
in Relation to the Technical Development of the
Plant, by K. Muller-Trimbusch.

GERMAN, per, Stahl und Eisen, Vol LXXVIII,
No 3, 6 Feb 1958, pp 167-172.

BISI 2676

WEur - Germany

196, 208

Econ

May 62

List 132

Design and Operational Results of a Modern
Continuous Train Rolling ~~Medium~~ Medium Strip, by
Severing. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 20 Feb 1958, pp 205-214.

Co-op Tr Scheme
Tr 889

Sci - Eng
Apr 58

62,592

The Effect of an Electric Inductive Agitation
of the Bath on the Metallurgical Reactions in
the Electric Arc Furnace, by Speith, et al.
UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 20 Feb 1958,
pp 215-220.

CSIRO
Co-op Tr Scheme
Tr 906

Sci - Min/Met
Jun 58

SBH 61-18394

64,696

ReactiveCurrent Consumption of Reversing
Rolling Mills Traffins Supplied From Recti-
fiers, by H. Nickl.

GERMAN, per, Stahl und Eisen, Vol LXXVIII,
No 4, 1958, pp 220-226.

CSIRO

Sci - Electron
Jun 62

203,378

The Hydrocyclone as Part of the Water Circulation
System in an Integrated Steelworks, by Kohler.

UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 20 Feb 1958,
pp 235-239.

Co-op Tr Scheme
Tr 893

Sci - Min/Met
Jun 58

64, 684

The (Basic) Hot-Blast Cupola, the Open-Hearth
Steel Plant and the L.D. Crucible Combined in
One Unit, by Richter, et al. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 6 Mar 1958,
pp 273-284.

CS IR.
British Iron and Steel Ind 901
~~Co-op. To Schenck~~
~~901~~

EEur - Germany
Econ
Jun 58

SLH 61-18372

64, 691

The Basic Hot-Blast Cupola in the Integrated
Steelworks, by Voigt. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 6 Mar 1958, Vol 78
pp 284-291. *705*

SLH 64-18370 ~~Co-op Tr Scheme~~
~~TR 902~~

British Iron and Steel Ind
902
Sci - Min/Met, metallurgy
Jun 58

64,692

The Decarburizing Reaction in the Basic Steel Converter During the Dephosphorization, by Pottgiesser. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, 6 Mar 1958, pp 291-298.

Vol 98, No 5.

~~Co-op Tr Scheme~~
~~Tr 903~~

SLH 61-18369

Sci - Min/Met
Jun 58

British Iron and
Steel Ind 903
64,693